

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-32 (cancelled)

33.(new) A direction-agile antenna system having beam steering for use in a wireless network, the network having a plurality of communication devices; the antenna comprising:

a plurality of elements each having directional antenna gain, some of said elements being disposed on different planes than others of said elements for directing beams in different directions;

said elements in different planes being configured for being selectively switched on and off so that at least one said element may be switched on while others are switched off to produce antenna gain in a selected direction.

34.(new) The direction-agile antenna system recited in claim 33 wherein said elements are disposed on at least two orthogonal planes.

35.(new) The direction-agile antenna system recited in claim 33 wherein said elements are disposed on at least three orthogonal planes.

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36.(new) The direction-agile antenna system recited in claim 33 wherein said elements are disposed on at least two different planes.

37.(new) The direction-agile antenna system recited in claim 33 wherein said elements are disposed on at least three different planes.

38.(new) A wireless network comprising a plurality of communication devices, at least one of the communication devices comprising:

an antenna having a plurality of elements disposed on different planes, said elements being capable of being individually switched on and off to produce antenna gain in a selected direction.

39.(new) The network of claim 38 wherein said elements are disposed on at least two different planes.

40.(new) The network of claim 38 wherein said elements are disposed on at least three different planes.

41.(new) The network of claim 38 wherein at least some of said different planes are orthogonal to each other.